12/21/87 A8050-3A

REPORT

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STATISTICAL
REPORT NO. 179-87
December 18, 1987

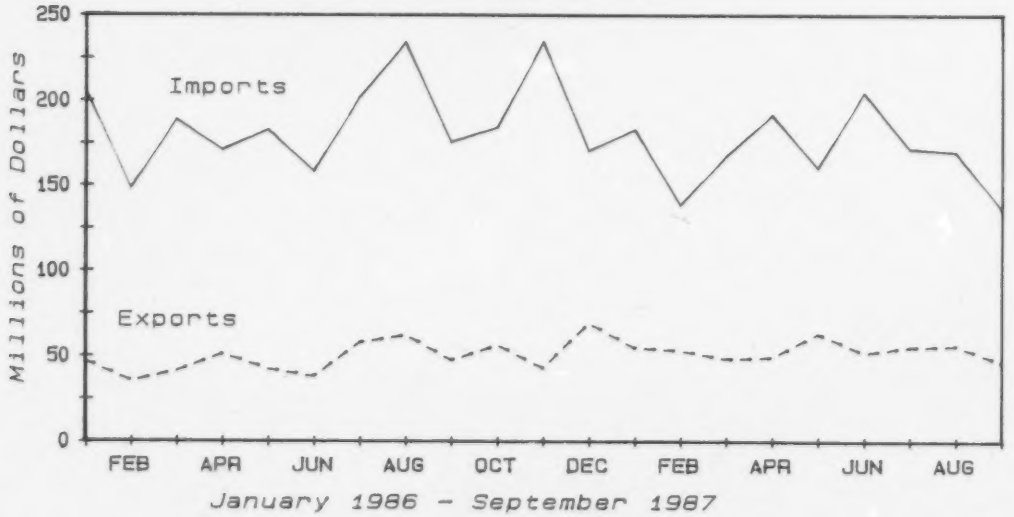
U.S. FOREIGN TRADE IN MACHINE TOOLS - SEPTEMBER 1987

During the third quarter of 1987 U.S. exports totaled $157.7 million, a decrease of 4% from last quarter, while U.S. imports fell 14% to $477.4 million. Compared to the first nine months of 1986, U.S. exports of machine tools increased 13% as U.S. imports dropped 9%. The second quarter to third quarter changes combined to produce a trade deficit of $319.7 million for the third quarter, down 18% from last quarter. The resulting year-to-date trade deficit of $1,044.4 million is 16% below the comparable 1986 deficit of $1,242.4 million.

U.S. Machine Tool Trade
($Millions)

	Third Quarter 1987			Nine Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 102.9	$ 335.3	($ 232.4)	$ 281.1	$1,117.3	($ 836.2)
Metal Forming	$ 54.8	$ 142.1	($ 87.3)	$ 196.5	$ 404.7	($ 208.2)
Total	$ 157.7	$ 477.4	($ 319.7)	$ 477.6	$1,522.0	($1,044.4)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals



January 1986 - September 1987

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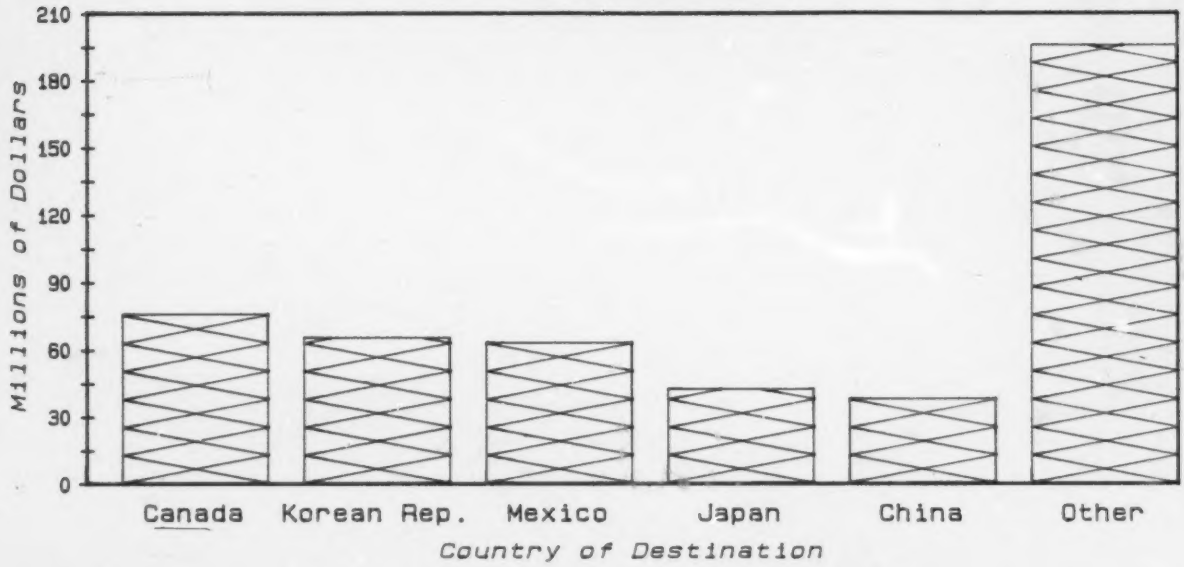
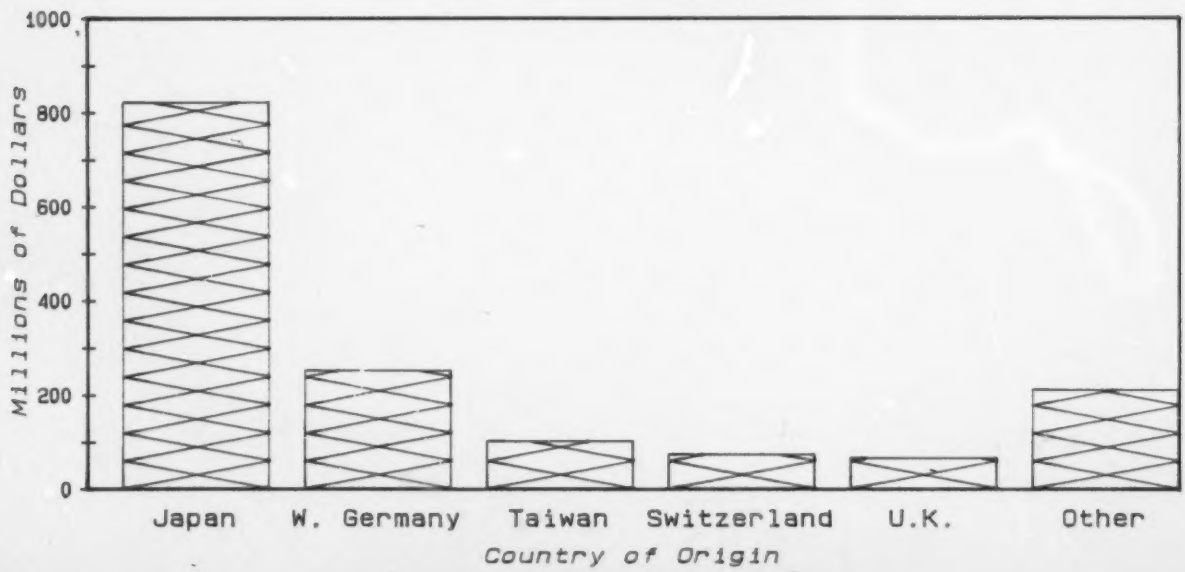
U.S. exports of metal cutting machine tools rose 11% during the third quarter of 1987 and metal forming exports fell 23% from the second quarter levels. Compared to the first nine months of 1986, metal cutting and metal forming exports increased 7% and 23%, respectively. For January through September 1987, the leading export markets were (in millions): Canada ($75.3), Korean Republic ($64.8), Mexico ($62.6), Japan ($42.0) and China ($37.6).

U.S. EXPORTS
1987, Year to Date



Compared to the second quarter of 1987, U.S. imports of metal cutting machinery fell 15% while imports of metal forming machine tools declined 11%. The year-to-date imports of metal cutting machines dropped 10% from the same period last year. Metal forming imports declined 3% from the first nine months of 1986. Leading exporters of machine tools to the U.S. during the first nine months of 1987 were (in millions): Japan ($820.7), West Germany ($251.2), Taiwan ($100.7), Switzerland ($73.2) and the United Kingdom ($65.3).

U.S. IMPORTS
1987, Year to Date



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U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1987

RELEASED: DECEMBER 18, 1987

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	72	11619	10	1837
3035	Gear Shapers	48	5934	0	0
3045	Gear Cutting Machines, N.E.C.	19	1276	0	0
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1239	105159	92	7254
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	176	16073	5	477
3409	Horizontal Machining Centers, ATC, NC	514	81133	42	7726
3411	Machining Centers, NC, N.E.C.	365	45195	10	1106
3412	Single Station and Multi-Station Transfer Machines	81	16086	3	1140
3413	Way Type Machines, (Unit Heads)	3	179	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	6	2591	1	304
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	51	13012	6	651
3419	Vertical Boring-Drilling-Milling Machines, NC	145	11554	16	694
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	27	1497	11	796
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	122	4341	6	9
3328	Drilling Machines, NC	128	5895	0	0
3329	Drilling Machines, Multi-Spindle, Non-NC	55	1635	0	0
3334	Drilling Machines, Radial, Non-NC	151	856	7	23
3336	Drilling Machines, Upright, Single Spindle, Non-NC	41	366	1	44
3342	Drilling Machines, Non-NC, N.E.C.	576	14398	28	946
3464	Milling Machines, NC	513	28381	64	4925
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	11	671	1	6
3467	Milling Machines, Knee Type, Non-NC	2341	13748	140	908
3468	Milling Machines, Bed Type, Non-NC	187	5948	2	53
3469	Milling Machines, Non-NC, N.E.C.	805	16541	65	3475
3476	Vertical Boring Machines, Incl. VTL's, NC	20	3650	0	0
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	80	1945	9	26
3481	Boring Machines, NC, N.E.C.	26	2730	0	0
3483	Boring Machines, Non-NC N.E.C.	278	13662	33	6986
3504	Horizontal Lathes, Multi-Spindle, NC	85	7437	9	949
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2359	128992	213	14819
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	338	34042	49	6265
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	152	12704	2	393
3512	Horizontal Engine & Toolroom Lathes, Non-NC	2350	18080	176	1246
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	77	2889	5	149
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	31	4863	1	86
3515	Automatic Bar Machines, Single Spindle, Non-NC	46	2134	1	32
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	43	1810	0	0
3518	Horizontal Lathes, Non-NC, N.E.C.	168	2491	1	156
3505	Vertical Lathes, Multi-Spindle, NC	91	5881	19	307
3519	Vertical Lathes, NSPF, NC	190	19243	11	1398
3522	Vertical Lathes, Excl. VTL's, Non-NC	715	14700	92	1492
3527	Gear Tooth Grinding & Finishing Machines	221	20313	8	1619
3528	Tool & Cutter Grinding Machines, NC	27	1472	7	375
3529	Tool & Cutter Grinding Machines, Non-NC	762	14253	58	2019
3533	Honing & Lapping Machines	204	8863	23	850
3539	Grinding Machines, Flat Surface, NC	42	3699	1	230
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	179	3410	51	936
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1597	19366	138	1933
3546	Grinding & Polishing Machines, NC, N.E.C.	116	22414	7	572
3554	External Grinding Machines, Non-NC	194	6920	13	534
3556	Internal Grinding Machines, Non-NC	12	863	2	95
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	75	6806	7	282
3559	Grinding Machines, Non-NC, N.E.C.	1204	43308	90	3055
3562	Traveling Wire Electrical Discharge Machines	457	31930	76	5571
3564	All Other Electrical Discharge Machines	303	13261	40	2274
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	77	10501	9	1404
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	104	6036	10	3892
3576	Metal Cutting Machine Tools, NC, N.E.C.	78	68273	8	256
3577	Sawing & Cut-Off Machines, Non-NC	3091	26976	115	848
3578	Broaching Machines, Non-NC	37	1213	2	8
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1058	32349	133	2169
4000	Metal Cutting Machine Tools, Used or Rebuilt*	3958	16675	1279	1253
5000	Metal Cutting Machine Tools, Less Than $2500**	862940	76964	108087	9083
	TOTAL CUTTING			111295	105944
	TOTAL CUTTING YTD	891461	1117298		
674:	METAL FORMING				
1010	Die Casting Machines	314	16700	51	348
3582	Metal Forming Machine Tools, Used or Rebuilt	443	5366	24	214
3583	Metal Forming Machine Tools, Less Than $2500	18076	6181	956	362
3584	Punching and Shearing Machines, Incl. Combination, NC	264	36439	14	2224
3586	Shearing Machines, Non-NC	586	12796	65	916
3587	Punching & Combination Punching & Shearing Machines, Non-NC	488	7809	16	203
3588	Bending, Folding, Straightening & Flattening Machines, NC	147	11070	34	1349
3589	Press Brakes, Non-NC	540	13890	20	533
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	87	1340	33	443
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	787	19615	44	804
3593	Metal Forming Machine Tools, NC, N.E.C.	102	21642	3	113
3594	Mechanical Presses, Non-NC	967	70112	29	882
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	203	21895	67	1341
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	460	102875	61	14882
3597	Headers & Upsetters, Non-NC	106	5463	7	661
3598	Forging Machines, Non-NC, N.E.C.	109	6105	12	823
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1040	45348	116	4728
	TOTAL FORMING			1552	30830
	TOTAL FORMING YTD	24719	404673		
	TOTAL ALL TYPES			112847	136774
	TOTAL ALL TYPES YTD	916180	1521971		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3415, 3326, 3461,3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	2	328
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	0	0	0	0	3	67
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	1	388
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	2	5	0	0	2	382
3464	9	106	0	0	0	0	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	12	66	0	0	0	0	0	0	1	6
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	20	189
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	1	91	0	0
3508	0	0	0	0	0	0	2	145	0	0
3510	0	0	0	0	0	0	0	0	1	277
3512	6	33	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	17	630	0	0	0	0	0	0	1	11
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	5	117
3529	0	0	0	0	0	0	0	0	2	65
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	31	385
3543	3	28	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	10	129	0	0	14	53	0	0	13	317
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	2	455
3571	0	0	0	0	0	0	1	24	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	0	0	22	82
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	1	1	6	58
5000	82	132	4	1	16	17	1391	203	421	203
CUT MO.	139	1123	4	1	32	75	1396	465	533	3330
CUT YTD	1907	7191	659	1190	2034	1112	6275	10292	5403	39640
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	7	71
3583	34	16	0	0	0	0	0	0	13	4
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	5	96	0	0	0	0	9	57
3587	0	0	0	0	0	0	0	0	9	57
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	3	147	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	0	0	0	0	0	0	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	6	18
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	1	3	2	2630
3597	0	0	0	0	0	0	0	0	0	0
3598	2	20	0	0	0	0	0	0	0	0
3599	0	0	0	0	0	0	0	0	10	116
FRM MO.	36	36	8	243	0	0	1	3	56	2954
FRM YTD	93	1198	434	6487	33	237	479	2823	1841	23720
TOT MO.	175	1159	12	244	32	75	1397	468	589	6283
TOT YTD	2000	8389	1093	7677	2067	1349	6754	13114	7244	63360

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1987

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	0	0	0	0
3411	0	0	0	0	1	288	0	0	0	0
3412	0	0	0	0	0	0	0	0	3	1140
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	2	13	0	0	0	0
3464	0	0	0	0	0	0	0	0	3	2214
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	6	914	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	3	1286
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	1	4	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	1	32
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	156
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	0	0	0	0	1	7
3527	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	3	229	0	0	4	286
3533	0	0	0	0	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	1	475	0	0	0	0
3546	0	0	0	0	0	0	0	0	1	44
3554	0	0	0	0	0	0	0	0	8	220
3556	0	0	0	0	0	0	0	0	0	0
3558	4	49	0	0	0	0	0	0	3	234
3559	2	33	0	0	10	346	0	0	6	1298
3562	0	0	0	0	0	0	0	0	23	1935
3564	0	0	0	0	0	0	0	0	14	370
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	28	121	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	0	0	4	16	1	174
4000	0	0	0	0	1	6	8	30	23	118
5000	8	6	0	0	0	0	89	91	568	52
CUT MO.	42	209	0	0	19	1362	107	1051	663	9565
CUT YTD	651	5465	105	362	1647	11180	1479	9577	6819	58173
1010	0	0	0	0	0	0	0	0	1	52
3582	0	0	0	0	0	0	0	0	0	0
3583	1	2	0	0	0	0	15	10	97	43
3584	0	0	0	0	0	0	0	0	1	206
3586	3	48	0	0	2	22	0	0	0	0
3587	0	0	0	0	0	0	0	0	1	67
3588	0	0	0	0	0	0	0	0	4	53
3589	1	33	1	7	4	30	0	0	0	0
3591	0	0	0	0	0	0	5	176	0	0
3592	0	0	0	0	0	0	1	6	1	80
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	1	102
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	6	94	1	94	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	2	34	0	0	2	15	1	44	3	670
FRM MO.	7	116	1	7	14	161	23	330	109	1273
FRM YTD	126	2109	41	551	132	1276	1507	5177	755	15011
TOT MO.	49	325	1	7	33	1522	130	1380	772	10838
TOT YTD	777	7574	146	913	1779	12456	2985	14754	7574	73184

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	8	1509	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	3	17	1	78	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	1	77	0	0	0	0	0	0	0	0
3411	0	0	2	176	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	2	65	0	0	0	0	0	0
3419	0	0	4	270	0	0	0	0	0	0
3422	0	0	5	76	5	333	0	0	0	0
3423	1	6	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	2	19	3	302	0	0	4	100	0	0
3464	19	509	1	216	0	0	0	0	0	0
3466	1	6	0	0	0	0	0	0	0	0
3467	23	311	0	0	0	0	0	0	0	0
3468	0	0	1	6	0	0	0	0	0	0
3469	5	387	6	1510	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	10	6732	0	0	2	12	0	0
3504	0	0	0	0	0	0	0	0	0	0
3506	1	42	6	1344	0	0	0	0	0	0
3508	0	0	2	263	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	31	308	0	0	0	0	0	0	4	57
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	2	437	0	0	0	0	0	0
3522	15	119	2	130	0	0	1	41	26	150
3527	1	70	5	1415	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	11	190	19	799	0	0	1	3	0	0
3533	9	105	10	645	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	3	167	0	0	0	0	0	0
3543	1	10	22	130	9	82	0	0	0	0
3546	0	0	3	103	0	0	0	0	0	0
3554	0	0	1	91	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	7	119	14	570	0	0	7	131	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	1	10	0	0	0	0	0	0	0	0
3567	0	0	1	98	0	0	0	0	0	0
3571	1	340	5	3503	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	24	258	0	0	8	82	0	0
3578	0	0	2	8	0	0	0	0	0	0
3579	12	98	11	928	0	0	29	294	0	0
4000	98	255	30	59	0	0	5	21	0	0
5000	729	190	13513	538	0	0	240	105	10	4
CUT MO.	972	3346	13718	22424	14	415	297	788	40	211
CUT YTD	7999	51673	62415	202429	349	3604	5278	14834	224	1288
1010	0	0	4	112	0	0	37	97	0	0
3582	4	36	5	43	0	0	7	51	0	0
3583	4	7	225	57	0	0	28	30	0	0
3584	0	0	1	275	0	0	0	0	0	0
3586	9	146	15	345	0	0	1	17	0	0
3587	0	0	5	66	0	0	0	0	0	0
3588	0	0	1	128	0	0	3	54	0	0
3589	0	0	0	0	0	0	10	306	0	0
3591	20	158	0	0	0	0	0	0	0	0
3592	4	145	2	257	0	0	23	146	0	0
3593	0	0	3	113	0	0	0	0	0	0
3594	0	0	1	31	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	8	195	21	287	0	0	5	53	0	0
3597	0	0	1	193	0	0	0	0	0	0
3598	0	0	3	755	0	0	7	49	0	0
3599	11	860	15	863	0	0	25	1090	0	0
FRM MO.	60	1546	302	3524	0	0	146	1893	0	0
FRM YTD	1204	13588	3680	48798	0	0	1567	19916	1	15
TOT MO.	1032	4892	14020	25948	14	415	443	2681	40	211
TOT YTD	9203	65261	66095	251226	349	3604	6845	34751	225	1303

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP.		SINGAPORE	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	79	6490	0	0	0	0
3406	0	0	0	0	2	189	0	0	0	0
3409	0	0	0	0	41	7649	0	0	0	0
3411	0	0	0	0	4	576	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	1	304	0	0	0	0
3418	0	0	0	0	4	586	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	1	44	0	0	0	0
3342	0	0	0	0	4	37	0	0	0	0
3464	0	0	0	0	12	1187	0	0	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	1	23	0	0	10	48
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	8	478	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	1	53	0	0	0	0
3504	0	0	0	0	9	949	0	0	0	0
3506	0	0	0	0	178	12441	14	896	8	71
3508	0	0	0	0	42	4570	0	0	0	0
3510	0	0	0	0	1	116	0	0	0	0
3512	0	0	0	0	2	41	12	97	28	226
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	1	86	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	5	250	0	0	0	0
3519	0	0	0	0	9	961	0	0	0	0
3522	0	0	0	0	3	125	0	0	0	0
3527	0	0	0	0	2	135	0	0	0	0
3528	0	0	0	0	2	259	0	0	0	0
3529	0	0	0	0	4	328	0	0	0	0
3533	0	0	0	0	4	100	0	0	0	0
3539	0	0	0	0	1	230	0	0	0	0
3541	0	0	0	0	4	204	0	0	13	180
3543	0	0	0	0	33	685	0	0	0	0
3546	0	0	0	0	3	425	0	0	0	0
3554	0	0	0	0	2	200	0	0	0	0
3556	0	0	0	0	1	60	0	0	0	0
3558	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3562	0	0	0	0	39	3570	0	0	0	0
3564	0	0	0	0	20	1820	0	0	0	0
3567	0	0	0	0	6	851	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	8	256	0	0	0	0
3577	0	0	1	40	10	189	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	57	586	0	0	0	0
4000	1	32	0	0	1010	411	1	20	8	3
5000	1354	42	0	0	6679	890	3	1	156	207
CUT MO.	1355	74	1	40	8293	48349	30	813	223	734
CUT YTD	4230	2558	26	951	60650	572338	1032	11151	1726	5406
1010	0	0	0	0	8	81	0	0	0	0
3582	0	0	0	0	1	13	0	0	0	0
3583	0	0	20	7	17	29	5	2	0	0
3584	0	0	0	0	12	1743	0	0	0	0
3586	0	0	0	0	14	133	0	0	1	13
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	26	1114	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3591	0	0	0	0	5	88	0	0	0	0
3592	0	0	1	12	10	146	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	21	731	0	0	0	0
3595	0	0	0	0	59	1248	0	0	6	86
3596	0	0	0	0	3	10705	0	0	0	0
3597	0	0	0	0	6	468	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	7	53	18	840	0	0	0	0
FRM MO.	0	0	28	72	200	17340	5	2	7	98
FRM YTD	196	9	108	1699	5454	248379	66	228	113	1305
TOT MO.	1355	74	29	112	8493	65689	35	815	230	832
TOT YTD	4426	2567	134	2650	66104	820717	1098	11380	1839	6711

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
SEPTEMBER 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	0	0
3404	9	511	0	0	0	0
3406	3	288	0	0	0	0
3409	0	0	0	0	0	0
3411	0	0	0	0	0	0
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	12	424	0	0	0	0
3422	0	0	0	0	0	0
3423	5	4	0	0	0	0
3328	0	0	0	0	0	0
3329	0	0	0	0	0	0
3334	4	12	0	0	3	12
3336	0	0	0	0	0	0
3342	8	82	0	0	1	6
3464	20	693	0	0	0	0
3466	0	0	0	0	0	0
3467	106	526	0	0	0	0
3468	1	47	0	0	0	0
3469	24	80	3	34	0	0
3476	0	0	0	0	0	0
3477	9	26	0	0	0	0
3481	0	0	0	0	0	0
3483	0	0	0	0	0	0
3504	0	0	0	0	0	0
3506	5	135	0	0	0	0
3508	0	0	0	0	0	0
3510	0	0	0	0	0	0
3512	60	358	0	0	32	123
3513	5	149	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	14	58	0	0	0	0
3519	0	0	0	0	0	0
3522	15	126	7	55	4	59
3527	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	13	71	0	0	1	47
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	68	426	0	0	1	97
3546	0	0	0	0	0	0
3554	1	13	0	0	1	10
3556	0	0	0	0	1	35
3558	0	0	0	0	0	0
3559	7	59	0	0	0	0
3562	0	0	14	66	0	0
3564	5	75	0	0	0	0
3567	0	0	0	0	0	0
3571	3	25	0	0	0	0
3576	0	0	0	0	0	0
3577	22	76	0	0	0	0
3578	0	0	0	0	0	0
3579	19	74	0	0	0	0
4000	85	209	1	3	1	28
5000	77098	6173	7	13	5719	216
CUT MO.	77621	10716	32	210	5764	633
CUT YTD	661040	97909	125	674	59388	8212
1010	1	5	0	0	0	0
3582	0	0	0	0	0	0
3583	481	135	3	1	13	20
3584	0	0	0	0	0	0
3586	4	10	0	0	2	30
3587	0	0	0	0	1	13
3588	0	0	0	0	0	0
3589	0	0	0	0	1	10
3591	3	21	0	0	0	0
3592	1	7	1	7	0	0
3593	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	2	7	0	0	0	0
3596	9	234	0	0	5	587
3597	0	0	0	0	0	0
3598	0	0	0	0	0	0
3599	16	82	0	0	6	62
FRM MO.	517	500	4	8	28	722
FRM YTD	6405	2760	43	295	441	9065
TOT MO.	78138	11216	36	218	5792	1355
TOT YTD	667445	100668	168	968	59829	17276

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
SEPTEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	3	76	0	0	3	76
EAST GERMANY	6	104	0	0	6	104
FINLAND	30	10	2	404	32	414
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	2	35	2	35
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	1	2	1	149	2	150
POLAND	35	139	0	0	35	139
ROMANIA	1	97	0	0	1	97
USSR	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	76	428	5	587	81	1015
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	0	0	0	0	0	0
DOMINICAN REP.	0	0	0	0	0	0
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS.	0	0	0	0	0	0
MEXICO	5658	198	10	42	5668	240
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	5658	198	10	42	5668	240
OTHER SOUTH AMERICA						
ARGENTINA	0	0	1	16	1	16
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	0	0	1	16	1	16
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	5	4	0	0	5	4
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	5	4	0	0	5	4

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
SEPTEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	25	2	0	0	25	2
INDIA	0	0	0	0	0	0
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	1	13	1	13
TURKEY	0	0	5	3	5	3
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	25	2	6	15	31	17
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP. S. AFRICA	0	0	6	62	6	62
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	6	62	6	62

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. IM146; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING. 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1987

RELEASED: DECEMBER 18, 1987

		TOTAL YTD		TOTAL MO.	
674:	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	30	3438	1	213
3045	Gear Cutting Machines, N.E.C.	68	19300	4	565
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	27	1552	1	32
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	2	417	0	0
3209	Horizontal Machining Centers, ATC, NC	16	4902	1	409
3211	Machining Centers, NC, N.E.C.	133	11069	6	549
3216	Single Station and Multi-Station Transfer Machines	21	12408	0	0
3225	Way Type Machines (Unit Heads)	12	2208	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	8	1267	2	367
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	5	580	0	0
3247	Vertical Boring-Drilling-Milling Machines, NC	10	896	0	0
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	37	1545	0	0
3254	Drilling Machines, NC	23	2359	3	101
3255	Drilling Machines, Multi-Spindle, Non-NC	34	2101	3	126
3256	Drilling Machines, Radial, Non-NC	39	394	0	0
3257	Drilling Machines, Upright, Single Spindle, Non-NC	12	239	2	50
3258	Drilling Machines, Non-NC, N.E.C.	130	2658	11	159
3264	Milling Machines, NC	49	11551	20	2439
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	19	641	4	75
3267	Milling Machines, Knee Type, Non-NC	1	40	1	40
3268	Milling Machines, Bed Type, Non-NC	2	112	0	0
3269	Milling Machines, Non-NC, N.E.C.	104	3394	10	226
3276	Vertical Boring Machines, Incl. VTLs, NC	4	1114	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	126	8930	3	34
3281	Boring Machines, NC, N.E.C.	1	245	0	0
3283	Boring Machines, Non-NC, N.E.C.	38	3743	9	1364
3503	Horizontal Lathes, Multi-Spindle, NC	9	1566	0	0
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	71	5936	12	924
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	15	2456	6	656
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	9	2188	2	391
3510	Horizontal Engine & Toolroom Lathes, Non-NC	61	977	9	132
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	5	286	2	171
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	12	741	6	294
3515	Automatic Bar Machines, Single-Spindle, Non-NC	31	1211	4	138
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	29	1195	3	41
3518	Horizontal Lathes, Non-NC, N.E.C.	396	12620	18	844
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	4	1069	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	6	935	2	136
3525	Vertical Lathes, Excl. VTLs, Non-NC	103	6767	24	1172
3528	Grinding, Polishing, Honing & Lapping Machines, NC	136	23775	13	3398
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	20	2976	1	23
3531	Tool & Cutter Grinding Machines, Non-NC	174	5817	26	387
3532	Honing & Lapping Machines, Non-NC	241	4657	23	198
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	104	1823	4	55
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	309	20526	31	2441
3541	External Grinding Machines, Non-NC	22	1374	2	238
3542	Internal Grinding Machines, Non-NC	23	3805	0	0
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	122	7697	5	446
3546	Grinding Machines, Non-NC, N.E.C.	251	8771	29	940
3547	Traveling Wire Electrical Discharge Machines	14	182	7	98
3549	All Other Electrical Discharge Machines	102	1756	13	389
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	12	771	0	0
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	28	861	2	51
3559	Metal Cutting Machine Tools, NC, N.E.C.	40	3008	4	82
3565	Sawing & Cut-Off Machines, Non-NC	341	5222	19	358
3566	Broaching Machines, Non-NC	5	103	1	8
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	131	6460	18	806
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	4240	34390	497	3560
5000	Metal Cutting Machine Tools, Less Than $2500**	23569	10502	3546	1304
	TOTAL CUTTING			4410	26434
	TOTAL CUTTING YTD	31601	281090		
674:	METAL FORMING				
1011	Die Casting Machines & Parts	0	13124	0	1109
3568	Metal Forming Machine Tools, Used Or Rebuilt	608	14344	123	3577
3569	Metal Forming Machine Tools, Less Than $2500	5539	3263	390	248
3571	Punching & Shearing Machines, Incl. Combination, NC	55	5984	8	884
3573	Shearing Machines, Non-NC	64	2966	6	373
3575	Punching & Combination Punching & Shearing Machines, Non-NC	431	7393	30	1003
3578	Bending, Folding, Straightening & Flattening Machines, NC	67	4283	17	1478
3582	Press Brakes, Non-NC	25	640	2	54
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	12	996	0	0
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	488	16143	64	2603
3588	Mechanical Presses	176	16044	19	1304
3589	Hydraulic Presses, Vertical, Single Action	41	5624	2	836
3590	Hydraulic & Pneumatic Presses	531	32721	49	2510
3594	Headers & Upsetters, Non-NC	67	10680	10	1754
3595	Forging Machines, Non-NC, N.E.C.	143	4823	8	147
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	686	57465	61	1979
	TOTAL FORMING			789	19863
	TOTAL FORMING YTD	8933	196520		
	TOTAL ALL TYPES			5199	46297
	TOTAL ALL TYPES YTD	40534	477610		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.
**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674: 3243, 3253, 3262, 3273, 3502, 3527, & 3557

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	1	50
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	3	232	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	4	166
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	395	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	6	1511	0	0	0	0	0	0	0	0
3529	0	0	1	23	0	0	0	0	0	0
3531	0	0	0	0	0	0	1	68	0	0
3532	0	0	0	0	0	0	1	16	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	1	258	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	2	276	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	79	0	0	0	0
4000	0	0	0	0	0	0	5	49	0	0
5000	0	0	0	0	0	0	9	15	0	0
CUT MO.	7	1769	4	255	1	79	19	818	5	216
CUT YTD	64	12608	529	10423	3	483	201	3516	35	415
1011	0	9	0	0	0	0	0	33	0	0
3568	0	0	1	3	0	0	0	0	2	37
3569	12	10	3	2	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	53	3	16
3588	0	0	1	11	0	0	1	48	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	1	309
3594	0	0	0	0	0	0	1	93	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	12	20	5	15	0	0	3	227	6	362
FRM YTD	16	249	237	720	9	189	118	3674	17	865
TOT MO.	19	1789	9	270	1	79	22	1045	11	577
TOT YTD	80	12858	766	11143	12	672	319	7190	52	1279

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	1	69	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	2	47	0	0
3528	2	519	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	7	58	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	4	310
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	72	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	1	12	0	0	0	0	0	0	1	26
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	1	13	0	0	0	0	0	0	0	0
3566	1	8	0	0	0	0	0	0	0	0
3567	0	0	1	26	0	0	0	0	0	0
4000	9	95	0	0	0	0	0	0	0	0
5000	103	53	0	0	0	0	0	0	117	18
CUT MO.	126	898	1	26	0	0	2	47	122	355
CUT YTD	1142	4732	324	1498	32	3637	304	893	142	923
1011	0	12	0	12	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	4	149	1	34	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	36	0	0	0	0	1	92
FRM MO.	4	161	2	82	0	0	0	0	1	92
FRM YTD	82	4202	78	2013	0	0	15	1038	30	1914
TOT MO.	130	1060	3	108	0	0	2	47	123	447
TOT YTD	1224	8934	402	3511	32	3637	319	1931	172	2837

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1987

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	3	511	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	C	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	1	7	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	2	30	0	0	1	30	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	1	34	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	1	143	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	4	128	0	0	0	0	0	0
3528	1	260	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	9	60	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	1	7	0	0
3547	0	0	0	0	0	0	7	98	0	0
3549	0	0	1	73	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	1	7	0	0	0	0	0	0
3559	1	36	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	2	13	0	0	2	59	0	0
4000	0	0	6	61	0	0	8	146	0	0
5000	6	7	108	51	0	0	69	18	0	0
CUT MO.	9	310	125	396	0	0	101	1071	0	0
CUT YTD	405	1991	3054	10059	3	196	895	16149	6	1299
1011	0	3	0	18	0	0	0	29	0	0
3568	0	0	12	248	0	0	0	0	0	0
3569	0	0	11	8	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	1	262	0	0	0	0	0	0
3575	0	0	1	22	0	0	2	46	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	92	0	0
3588	0	0	4	342	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	1	93	0	0	0	0	2	578	0	0
3595	0	0	4	78	0	0	0	0	0	0
3598	0	0	1	269	0	0	0	0	0	0
FRM MO.	1	96	34	1245	0	0	5	746	0	0
FRM YTD	23	1765	226	8143	36	1042	394	6908	4	132
TOT MO.	10	406	159	1641	0	0	106	1817	0	0
TOT YTD	428	3756	3280	18202	39	1238	1289	23057	10	1431

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	OTH. EUROPE		CANADA		MEXICO		OTH. N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	1	54	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	3	391	1	30	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	2	367	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	3	101	0	0	0	0
3255	0	0	0	0	0	0	1	36	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	2	50	0	0	0	0	0	0
3258	0	0	1	44	5	96	0	0	1	4
3264	0	0	14	1289	3	102	0	0	0	0
3266	0	0	0	0	4	75	0	0	0	0
3267	0	0	1	40	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	4	94	0	0	3	39	1	64
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	1	9	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	3	1185	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	6	656	0	0	0	0	0	0
3509	0	0	2	391	0	0	0	0	0	0
3510	0	0	0	0	7	98	1	12	0	0
3511	0	0	0	0	2	171	0	0	0	0
3512	0	0	0	0	1	100	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	3	41	0	0	0	0	0	0
3518	0	0	3	30	10	112	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	10	537	5	353	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	21	189	3	18	0	0	0	0
3532	2	20	3	41	0	0	0	0	0	0
3533	0	0	2	39	2	16	0	0	0	0
3538	0	0	0	0	4	34	0	0	0	0
3541	0	0	2	238	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	1	7	0	0	0	0
3546	0	0	3	268	16	338	6	33	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	2	59	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	3	46	0	0	0	0	0	0
3565	0	0	8	169	7	125	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	1	4	6	431	2	10	0	0	0	0
4000	18	551	11	423	370	852	30	15	0	0
5000	40	8	432	393	707	92	22	15	0	0
CUT MO.	61	583	545	6274	1157	3923	63	149	2	69
CUT YTD	406	2471	5114	46235	3954	41312	709	1776	77	884
1011	0	0	0	146	0	129	0	0	0	0
3568	0	0	5	110	19	465	0	0	0	0
3569	0	0	260	137	71	71	0	0	0	0
3571	0	0	1	210	0	0	0	0	0	0
3573	0	0	5	112	0	0	0	0	0	0
3575	0	0	6	50	5	31	0	0	0	0
3578	10	1177	3	97	2	31	0	0	0	0
3582	0	0	2	54	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	5	154	16	387	10	290	1	142	0	0
3588	0	0	0	0	8	352	1	66	0	0
3589	0	0	1	515	0	0	0	0	0	0
3590	0	0	3	553	30	371	2	13	0	0
3594	0	0	1	40	3	26	0	0	0	0
3595	0	0	0	0	3	55	1	14	0	0
3598	0	0	7	90	37	947	0	0	0	0
FRM MO.	15	1331	310	2500	188	2766	5	235	0	0
FRM YTD	133	2977	3731	29094	1436	21285	100	1246	16	502
TOT MO.	76	1915	855	8775	1345	6690	68	385	2	69
TOT YTD	539	5448	8845	75329	5390	62596	809	3022	93	1386

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	BRAZIL		COLOMBIA		VENEZUELA		OTH. S. AM.		CHINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	1	32	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	1	92	1	37	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	2	25	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	2	136	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	1	491
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	1	4	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	8	149	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	1	24
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	1	44	0	0
4000	0	0	0	0	7	528	5	37	0	0
5000	0	0	0	0	221	52	19	29	30	16
CUT MO.	8	149	1	92	231	753	29	171	32	532
CUT YTD	156	8834	197	1463	695	3133	281	1109	763	18556
1011	0	0	0	0	0	0	0	5	0	0
3568	0	0	0	0	81	2695	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	2	325	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	1	70
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	16	590	0	0	0	0	0	0	4	605
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	1	136	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	8	215
FRM MO.	19	1051	0	0	81	2695	0	5	13	891
FRM YTD	95	6081	27	650	167	5203	326	541	127	19034
TOT MO.	27	1201	1	92	312	3447	29	176	45	1422
TOT YTD	251	14915	224	2114	862	8336	607	1650	890	37590

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674:	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	1	29	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	1	36
3528	0	0	0	0	0	0	0	0	1	208
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	6	862
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	1	2	1	13
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	1	43
3559	0	0	0	0	0	0	0	0	0	0
3565	1	26	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	1	18	0	0	0	0	0	0
4000	0	0	1	12	0	0	0	0	0	0
5000	23	11	0	0	11	7	27	13	1053	183
CUT MO.	24	37	3	58	11	7	28	15	1063	1425
CUT YTD	704	1626	178	2600	28	839	1766	1414	4205	21798
1011	0	0	0	0	0	0	0	0	0	8
3568	0	0	3	20	0	0	0	0	0	0
3569	16	7	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	5	513
3573	0	0	0	0	0	0	0	0	0	0
3575	5	77	0	0	0	0	0	0	4	350
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	1	80	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	2	11
3594	0	0	0	0	0	0	0	0	1	788
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	4	310
FRM MO.	21	84	3	20	0	0	1	80	16	1981
FRM YTD	44	966	12	820	1	437	11	389	203	20210
TOT MO.	45	121	6	78	11	7	29	95	1079	3405
TOT YTD	748	2592	190	3421	29	1076	1777	1803	4408	42008

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	KOREAN REP.		PAKISTAN		S. ARABIA		SINGAPORE		TAIWAN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	1	213	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	1	40	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	3	8
3264	0	0	0	0	0	0	0	0	3	1048
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	1	22
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	3	119	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	6	462
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	21
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	3	105
3516	0	0	0	0	0	0	0	0	0	0
3518	2	25	0	0	0	0	1	138	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	2	72	0	0	0	0	0	0	0	0
3528	2	329	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	1	112	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	8	828	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	2	356	0	0	0	0	1	11	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	3	116	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	1	5	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	1	121	0	0	0	0	0	0	0	0
4000	6	557	2	25	0	0	10	77	0	0
5000	45	78	0	0	37	28	174	124	54	7
CUT MO.	127	2965	2	25	38	33	186	350	71	1672
CUT YTD	1013	32450	281	1002	265	345	715	4539	497	6123
1011	0	0	0	0	0	12	0	0	0	623
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	1	2	7	6	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	3	52	1	21
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	0	0
3588	1	47	0	0	0	0	0	0	2	358
3589	1	322	0	0	0	0	0	0	0	0
3590	6	1167	0	0	0	0	0	0	3	66
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
FRM MO.	8	1537	0	0	1	14	10	59	6	1069
FRM YTD	329	32376	5	50	53	73	148	3755	41	3168
TOT MO.	135	4501	2	25	39	47	196	408	77	2741
TOT YTD	1342	64826	286	1052	318	418	863	8294	538	9291

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1987

	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	1	409	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	1	7	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	1	89	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	1	56	2	32	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	3	4	1	13	5	120	0	0	0	0
5000	0	0	0	0	17	9	11	5	1	3
CUT MO.	4	413	2	68	26	257	11	5	1	3
CUT YTD	218	6755	401	1025	1433	4945	48	134	2	4
1011	0	0	0	11	0	38	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	2	2	7	4	0	0	0	0
3571	0	0	0	0	2	162	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	1	29	0	0	0	0	0	0
3578	1	102	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	2	91	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	2	19	0	0	0	0
FRM MO.	1	102	3	42	13	313	0	0	0	0
FRM YTD	52	3820	143	2116	301	3921	9	532	2	20
TOT MO.	5	515	5	110	39	570	11	5	1	3
TOT YTD	270	10575	544	3141	1734	8865	57	666	4	24

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
SEPTEMBER 1987

	EGYPT		REP. S. AFR		OTH. AFRICA	
674:	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	1	72	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	0	0	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	1	19	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	160	70	0	0
CUT MO.	1	19	161	143	0	0
CUT YTD	11	247	311	556	14	236
1011	0	0	0	20	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	2	20	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	0	0	0	0
FRM MO.	0	0	2	40	0	0
FRM YTD	83	586	44	811	9	2977
TOT MO.	1	19	163	183	0	0
TOT YTD	94	833	355	1367	43	3213

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
SEPTEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	10	1177	10	1177
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	2	20	1	12	3	32
GIBRALTAR	0	0	0	0	0	0
GREECE	1	4	0	0	1	4
HUNGARY	18	551	0	0	18	551
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	8	3	4	143	12	146
PORTUGAL	0	0	0	0	0	0
ROMANIA	32	5	0	0	32	5
OTHER EUROPE	0	0	0	0	0	0
TOTAL	61	583	15	1331	76	1915
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	1	29	0	0	1	29
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	8	43	0	0	8	43
DOMINICAN REP.	30	15	1	14	31	29
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	7	34	0	0	7	34
HAITI	0	0	0	0	0	0
HONDURAS	1	12	0	0	1	12
JAMAICA	14	5	0	0	14	5
LW & WW IS.	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	3	79	3	79
SALVADOR	1	2	1	142	2	145
TRINIDAD	1	8	0	0	1	8
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM.	0	0	0	0	0	0
TOTAL	63	149	5	235	68	385
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	14	103	0	0	14	103
ECUADOR	15	68	0	5	15	73
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	29	171	0	5	29	176
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	1	3	0	0	1	3
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	1	3	0	0	1	3

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
SEPTEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	3	30	3	30
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	2	68	0	3	2	71
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	0	0	0	8	0	8
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	2	68	3	42	5	110
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP.	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR.	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

SOURCE: U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522; NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES: 1)'0-' = DOLLAR AMOUNT LESS THAN $500. 2)N.E.C. - NOT ELSEWHERE CLASSIFIED. 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.